



FEMA



Prepared by
David Sánchez

FEMA Region 6 Weather Threat Briefing

Wednesday, April 24, 2019

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information.

To find your local NWS forecast office, go to www.weather.gov/srh.

Summary of the Upcoming Week



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Today and Tomorrow

- **Severe storms with large hail, wind damage, and a few tornadoes possible today across Southern & Central TX & W LA shifting into LA tomorrow.**
- **Heavy rain/flash flooding is also possible each day, but is most pronounced today over Central & North-Central TX into LA. The threat shifts to S/SE LA tomorrow.**

Friday through Sunday

- **No significant impacts.**

Major River Flooding or Known Evacuations

- **Major flooding continues on the MS River at Baton Rouge, LA but impacts are primarily navigation. The city is protected by levees.**

FEMA Region 6 Threat Matrix

Apr 24, 2019 – Apr 28, 2019



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DAY / THREAT	WED	THU	FRI	SAT	SUN
Severe Storms	TX, LA	LA			
Heavy Rain / Flash Flooding	TX, LA	LA			
Winter Weather					
Fire Weather					
River Flooding	LA, AR	LA, AR	LA, AR	LA, AR	LA, AR
	TX	TX	TX	TX	TX

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

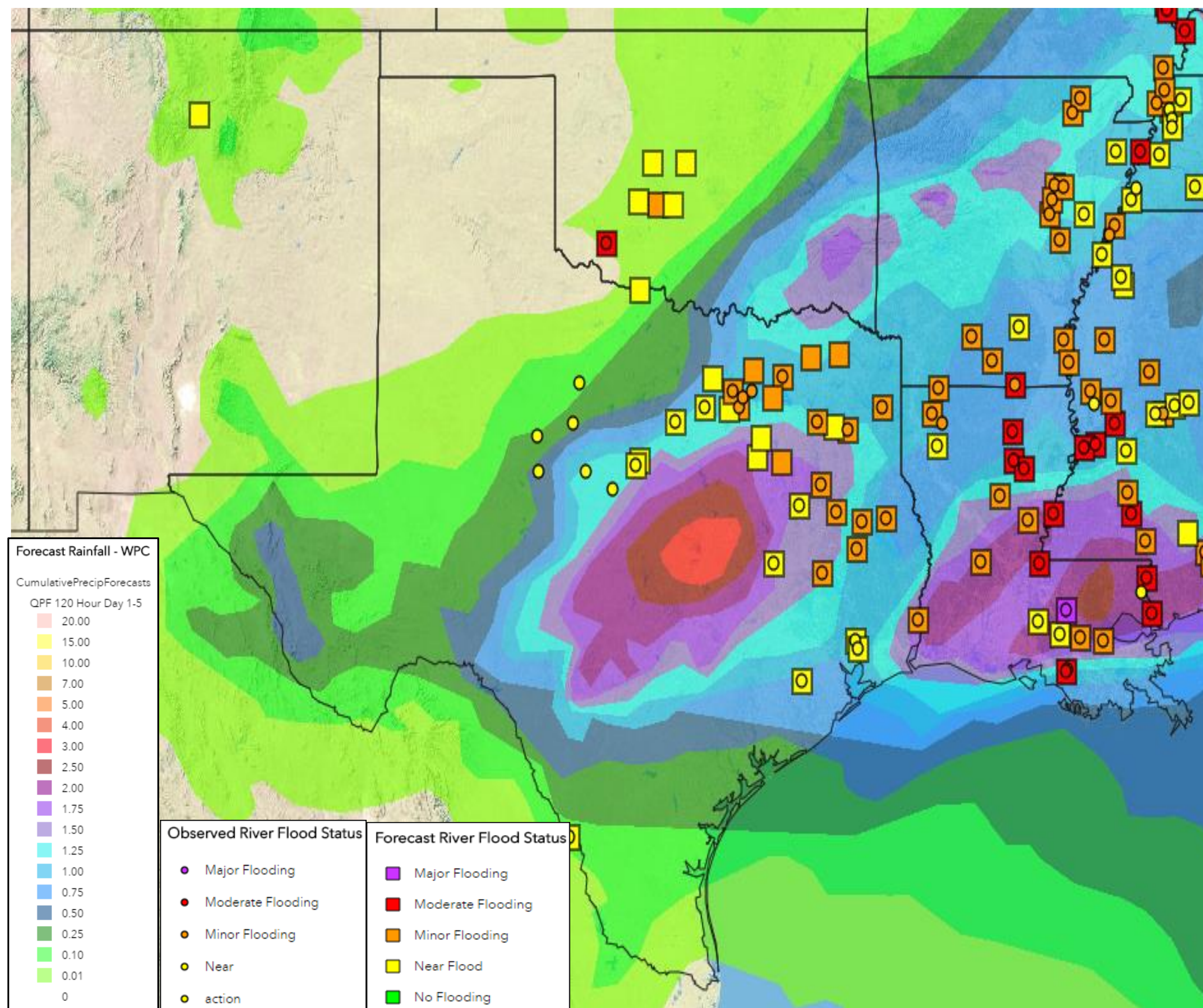
**Threat levels are based on FEMA Region 6 criteria.
State or local threat level criteria may differ.*
For more details on the colors in the threat matrix refer to the last slide in this briefing.*

5-Day Precipitation Forecast & River Flood Status



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Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall



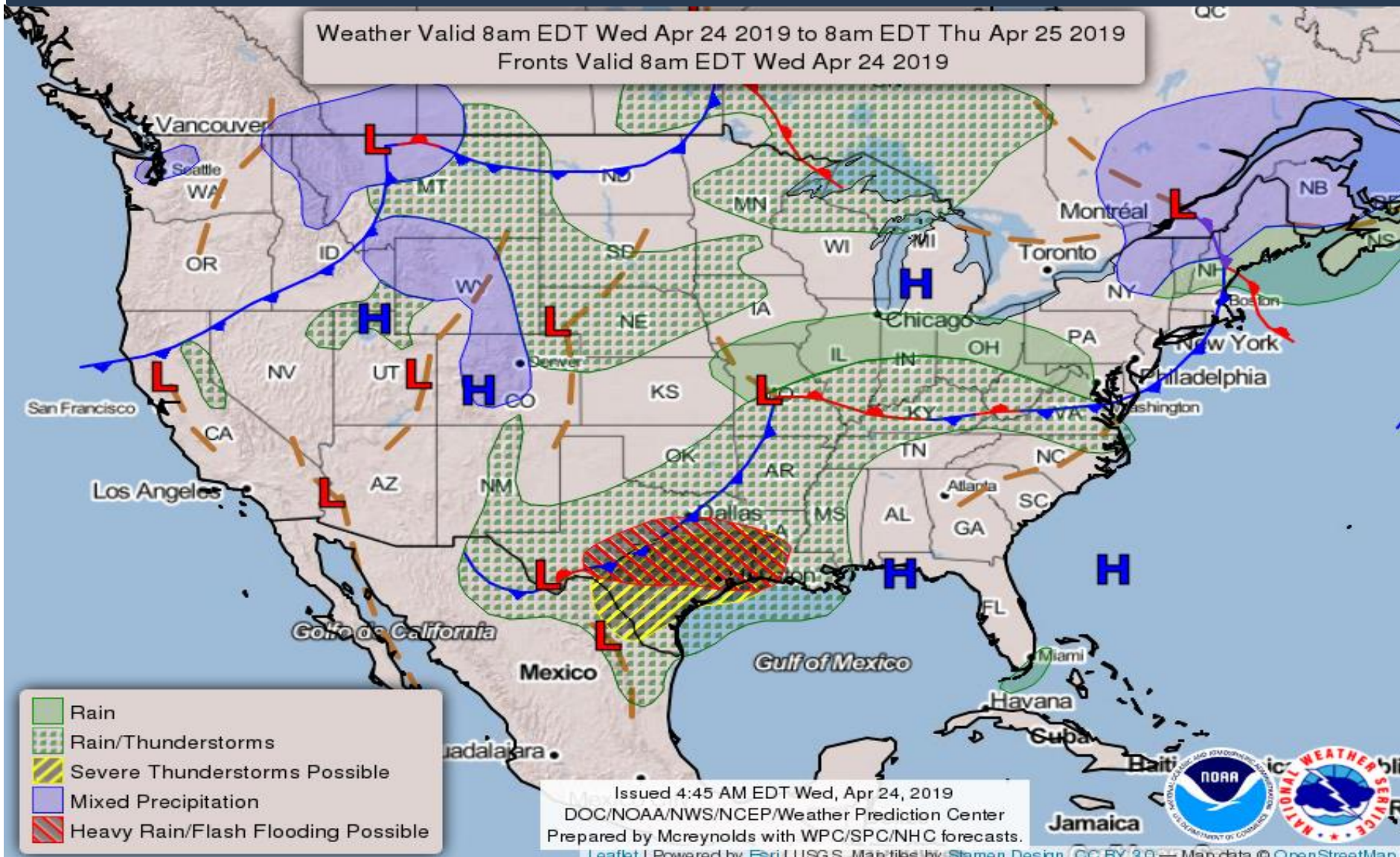
- **Moderate to Major river flooding will continue on the Mississippi River in E/SE LA and E AR with impacts primarily to shipping/industrial activities, agricultural areas, and secondary roads. Rises along the MS River of 1-2 feet in the next few days due to recent rains. Still well below Feb/Mar crests.**
 - **MS River at Baton Rouge will remain in major flood stage. Shipping and industrial activities are significantly affected.**
 - **Bonnet Carrè Floodway is no longer operating and is not expected to operate based on the current river forecast.**
 - **The MS River at Osceola (in NE AR) is in moderate flood stage and forecast to crest next weekend. Impacts to secondary roads and agriculture.**
- **Moderate river flooding is occurring on portions of the Atchafalaya River in SE LA with impacts to vessel traffic and some buildings near the river.**
- **Moderate river flooding is occurring on portions of the Ouachita River (in N-Central LA) and the Pearl River (in SE LA) with impacts to secondary roads, agricultural and recreational areas.**
- **Forecast rainfall the next 2 days will likely produce rises and new minor river flooding over West Central Texas and the DFW Metroplex (Middle Brazos, Upper Colorado, and Upper Trinity).**

Today's Weather

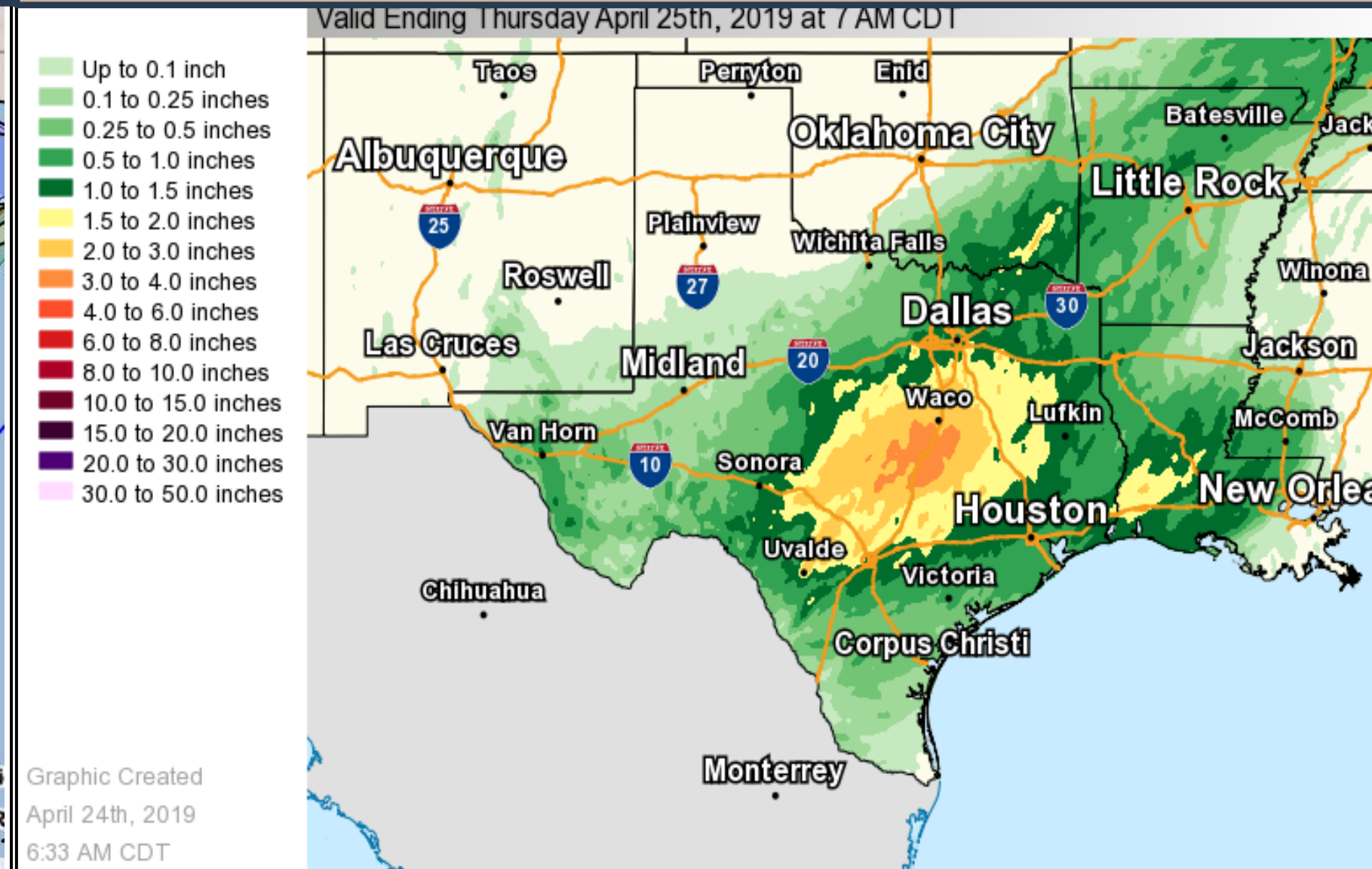


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Forecast Chart



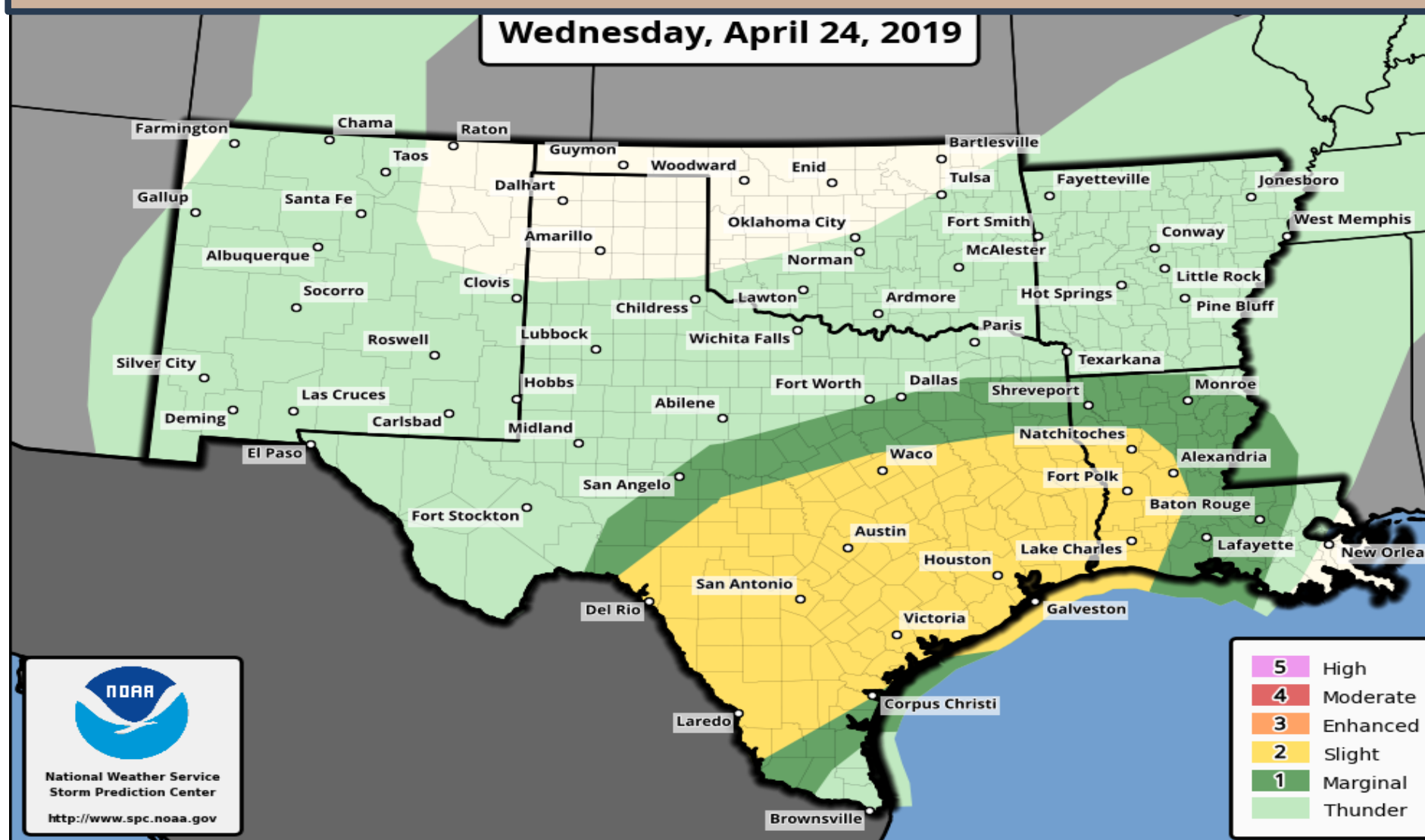
Forecast Rainfall



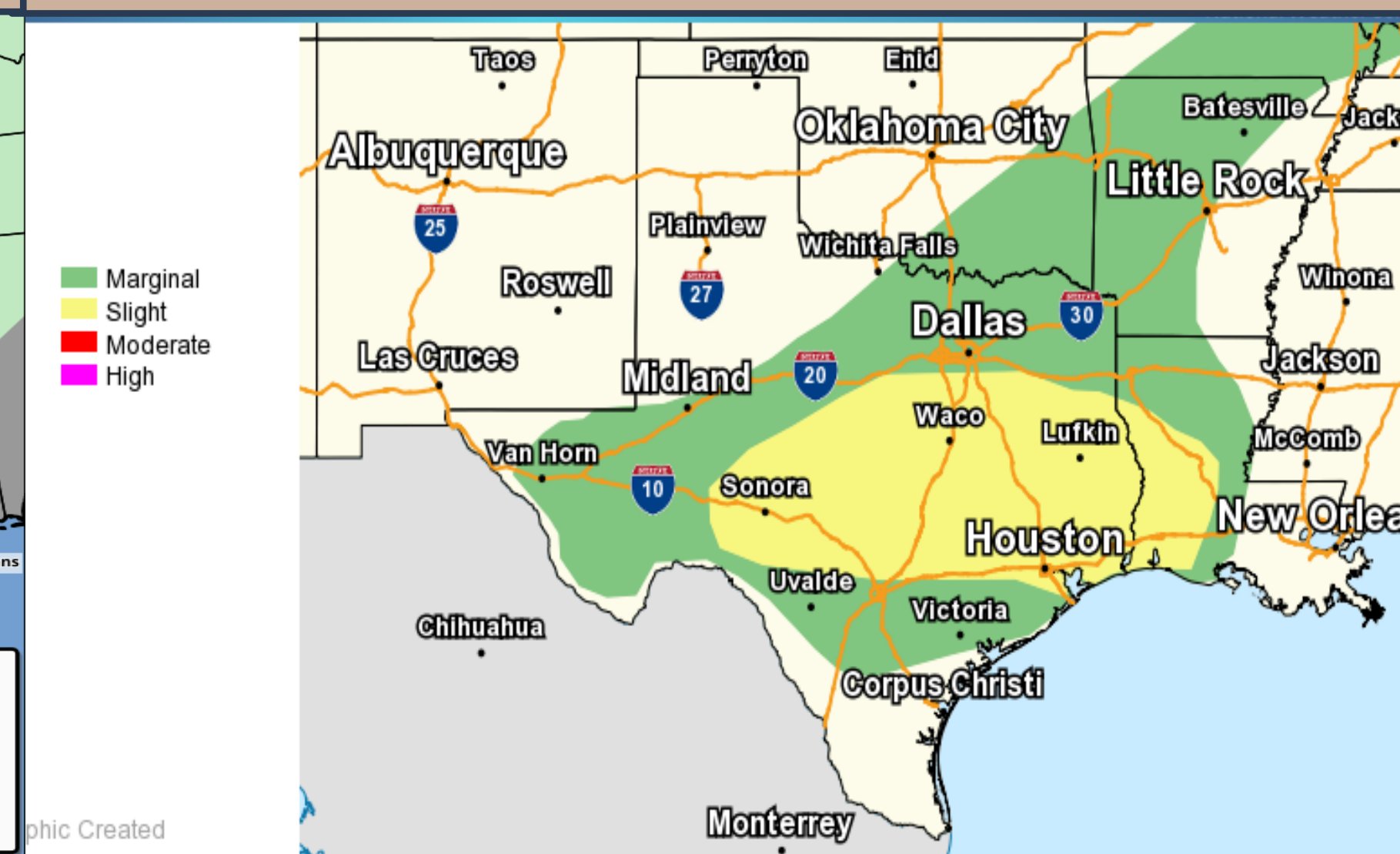
Severe thunderstorms with large hail, wind damage, and a few tornadoes possible today across Southern & Central TX & W LA.

Heavy rain/flash flooding possible for portions of Central & North-Central TX.

Severe Weather Outlook



Excessive Rainfall Outlook



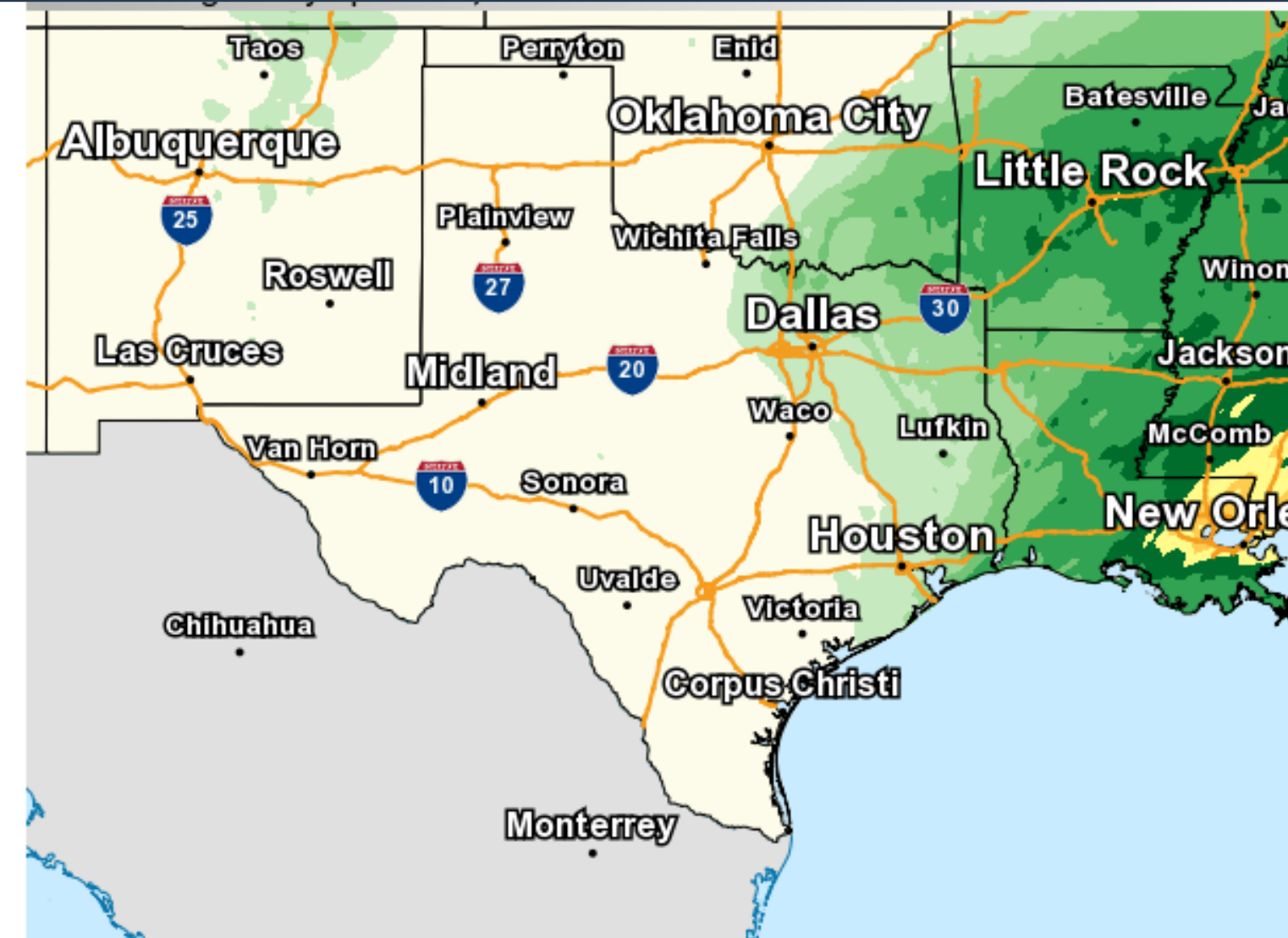
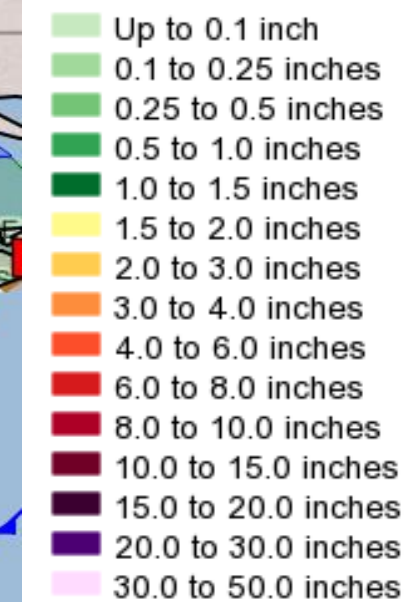
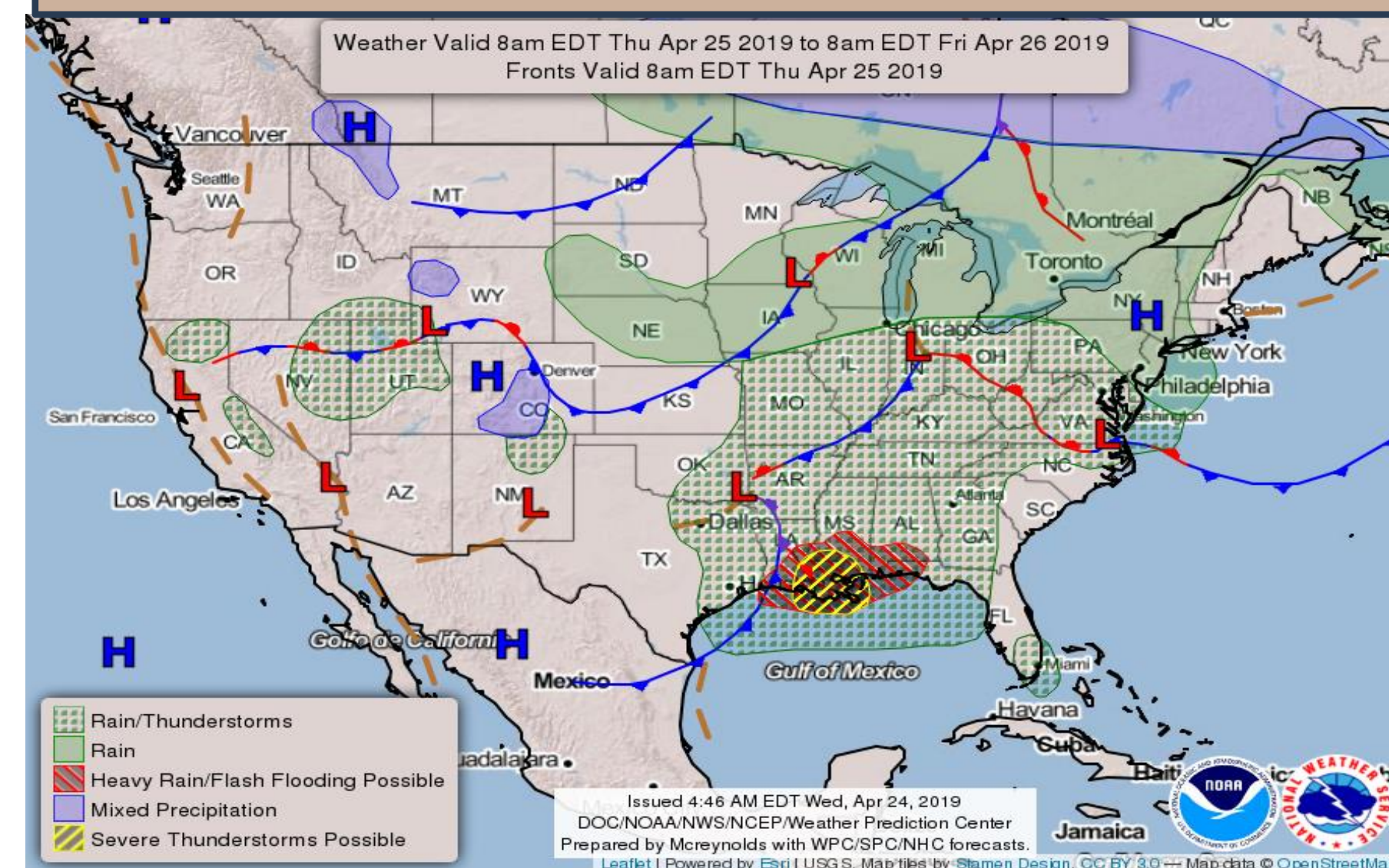
Tomorrow's Weather



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Forecast Chart

Forecast Rainfall



Graphic Created
April 24th, 2019
6:34 AM CDT

Severe storms with wind damage and a few tornadoes possible over SE LA.

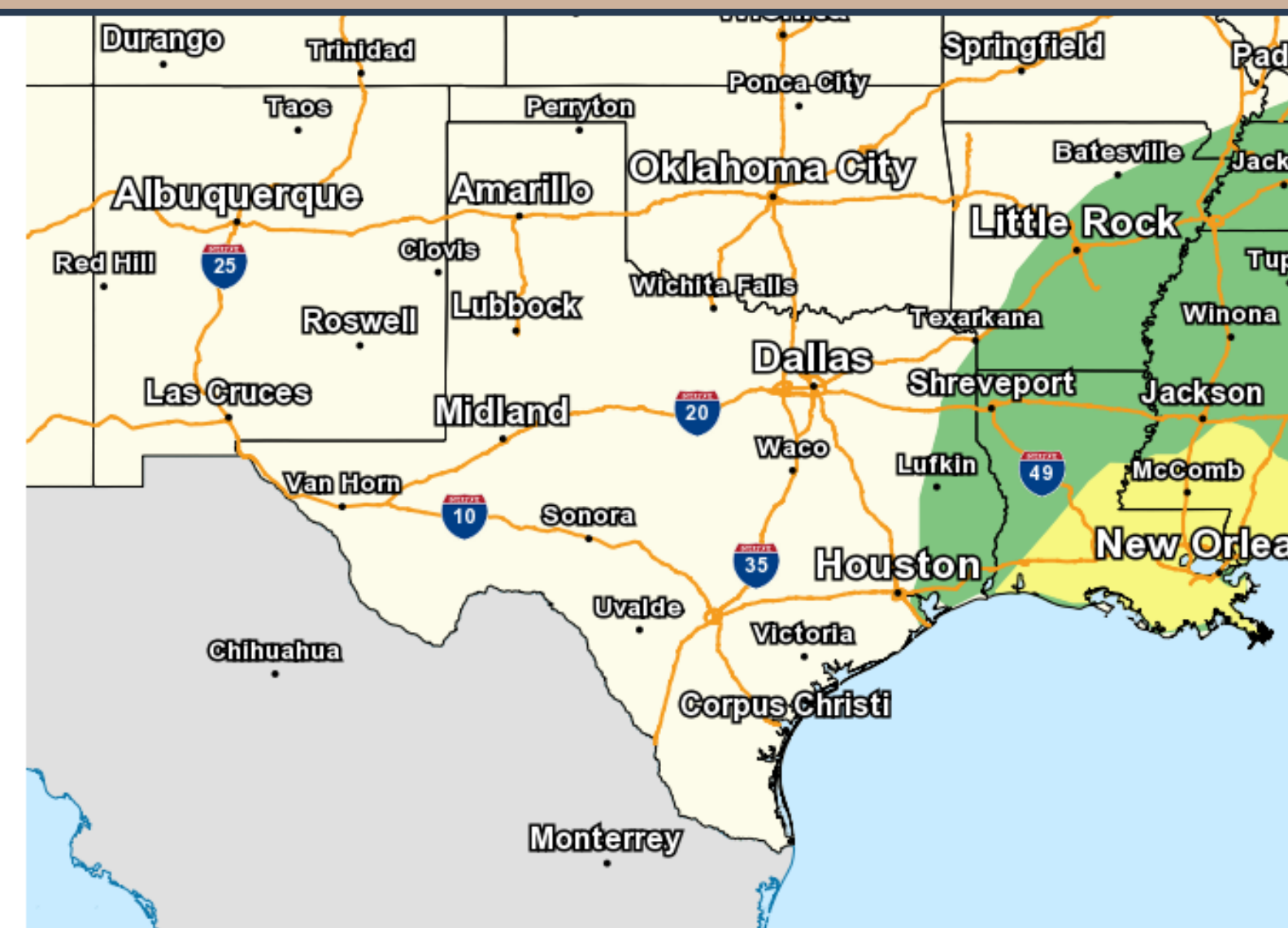
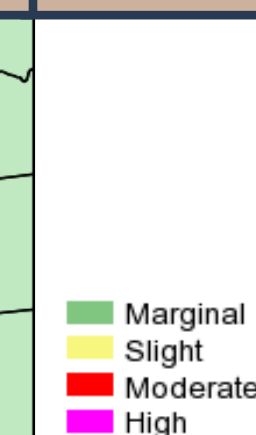
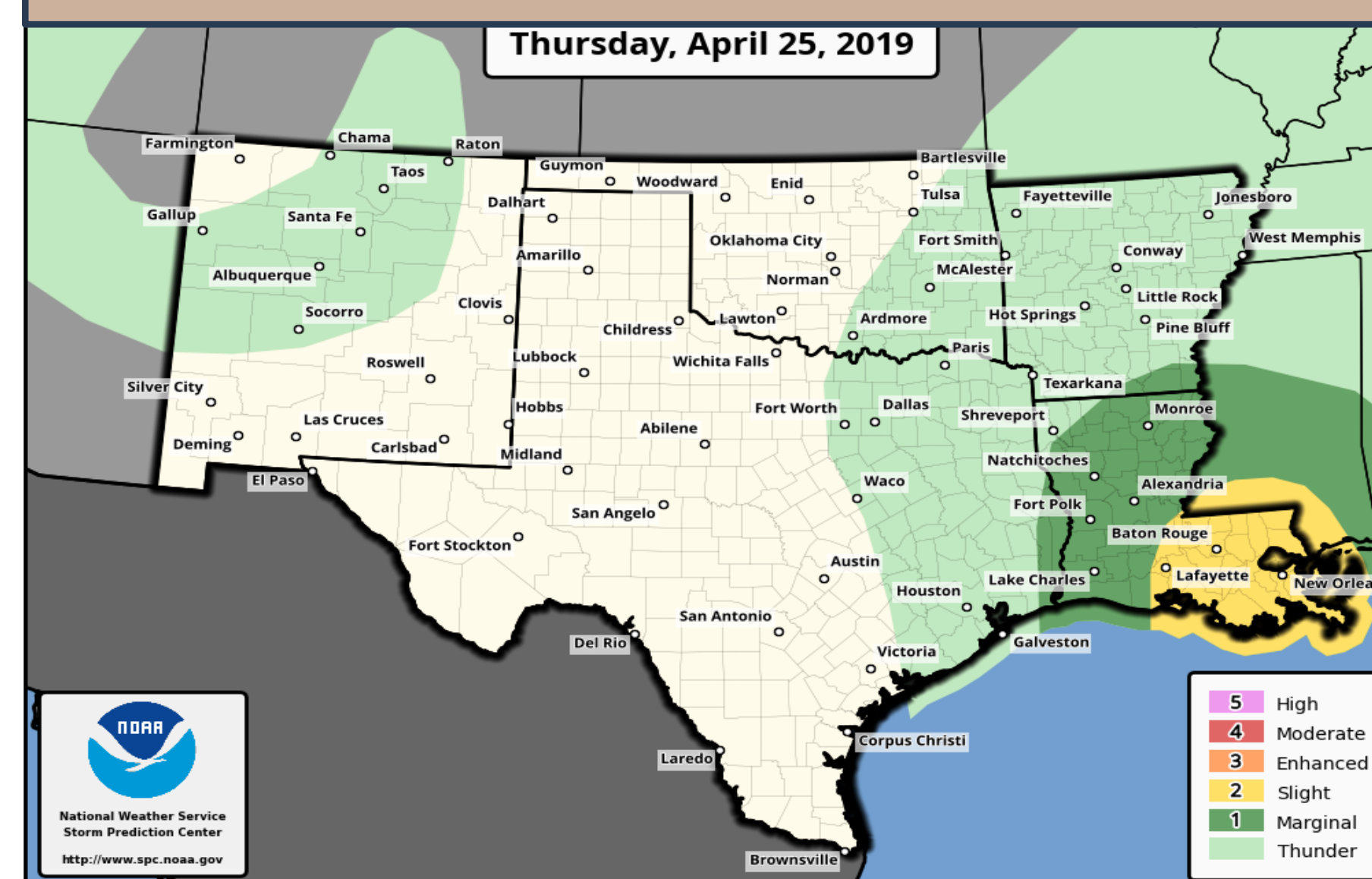
Isolated strong to severe storms with hail and damaging wind possible over the rest of LA into extreme SETX.

Isolated heavy rain/flash flooding possible over LA.

Isolated heavy rain/flash flooding possible over ETX and AR.

Severe Weather Outlook

Excessive Rainfall Outlook



Graphic Created
April 24th, 2019
6:34 AM CDT

Friday's Weather

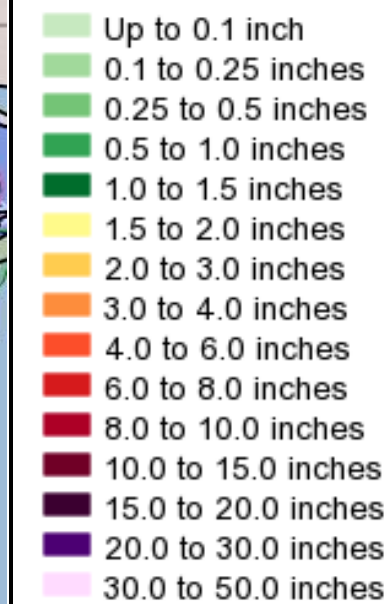
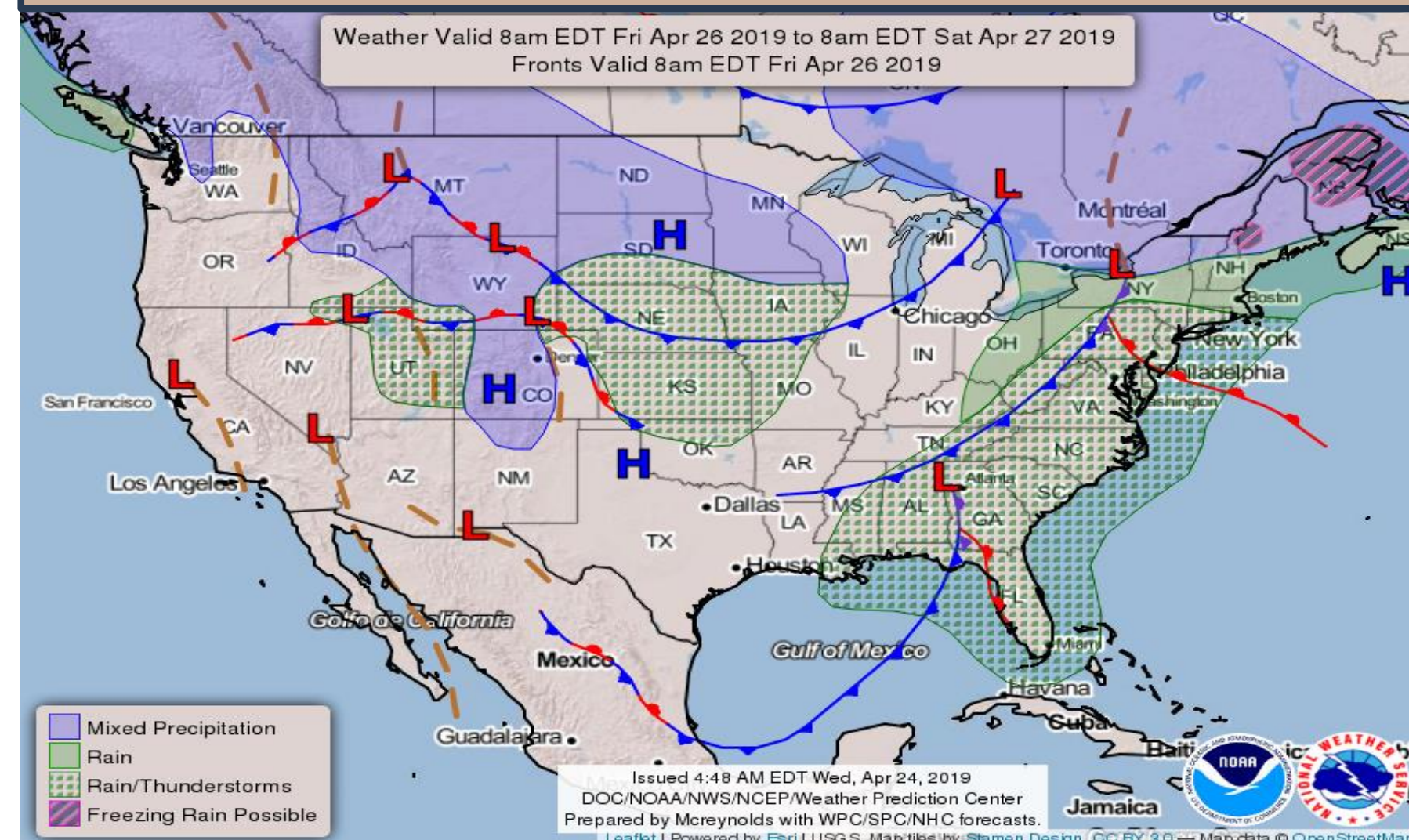
Forecast Chart

Forecast Rainfall



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No significant impacts.

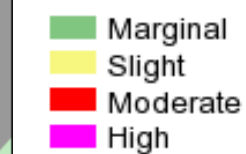
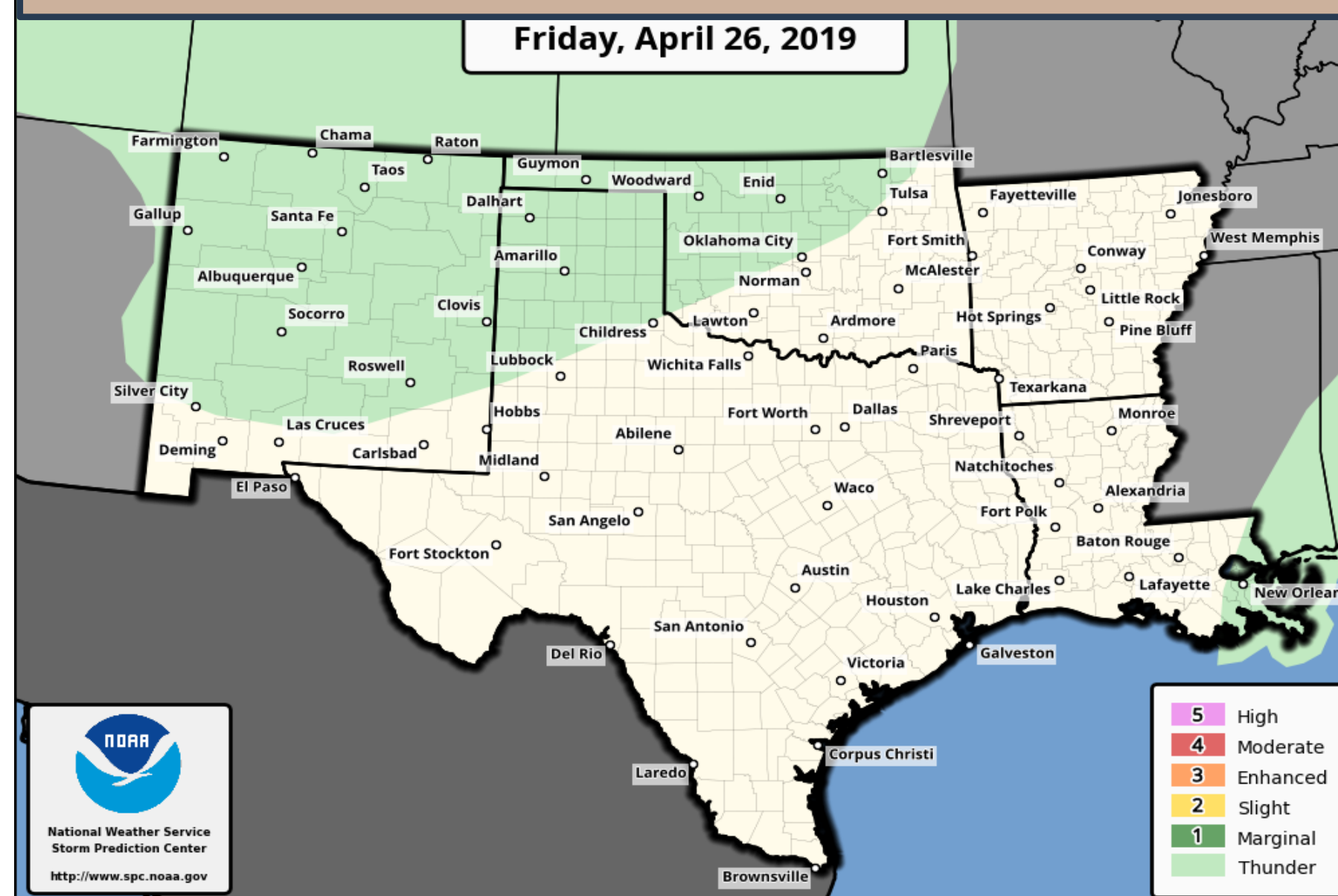


Graphic Created
April 24th, 2019



Severe Weather Outlook

Excessive Rainfall Outlook



Graphic Created
April 24th, 2019
AM CDT

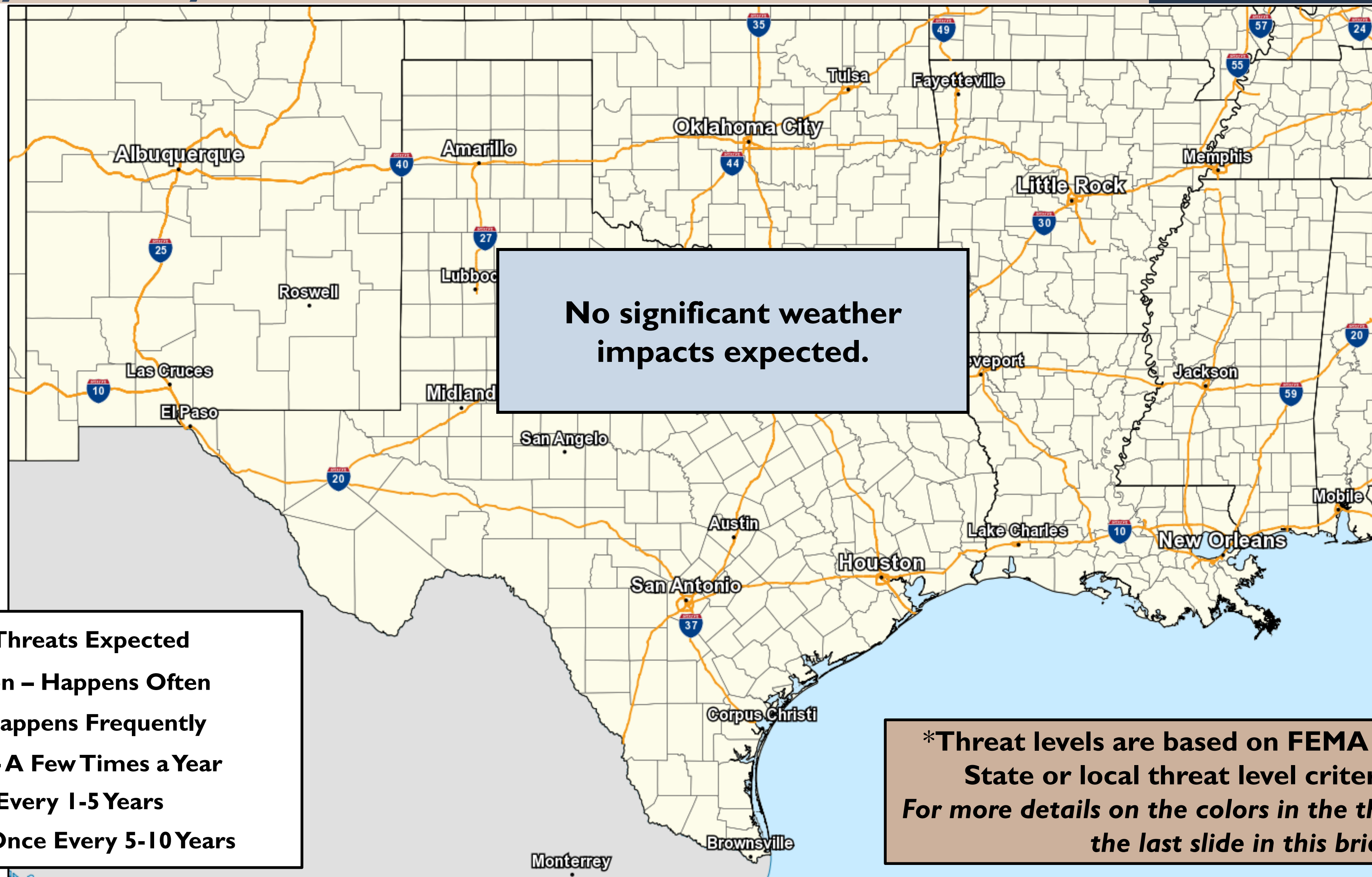


Days 4-5 Weather Hazards

Saturday - Sunday



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- Very Common – Happens Often
- Common – Happens Frequently
- Uncommon – A Few Times a Year
- Rare – Once Every 1-5 Years
- Very Rare – Once Every 5-10 Years

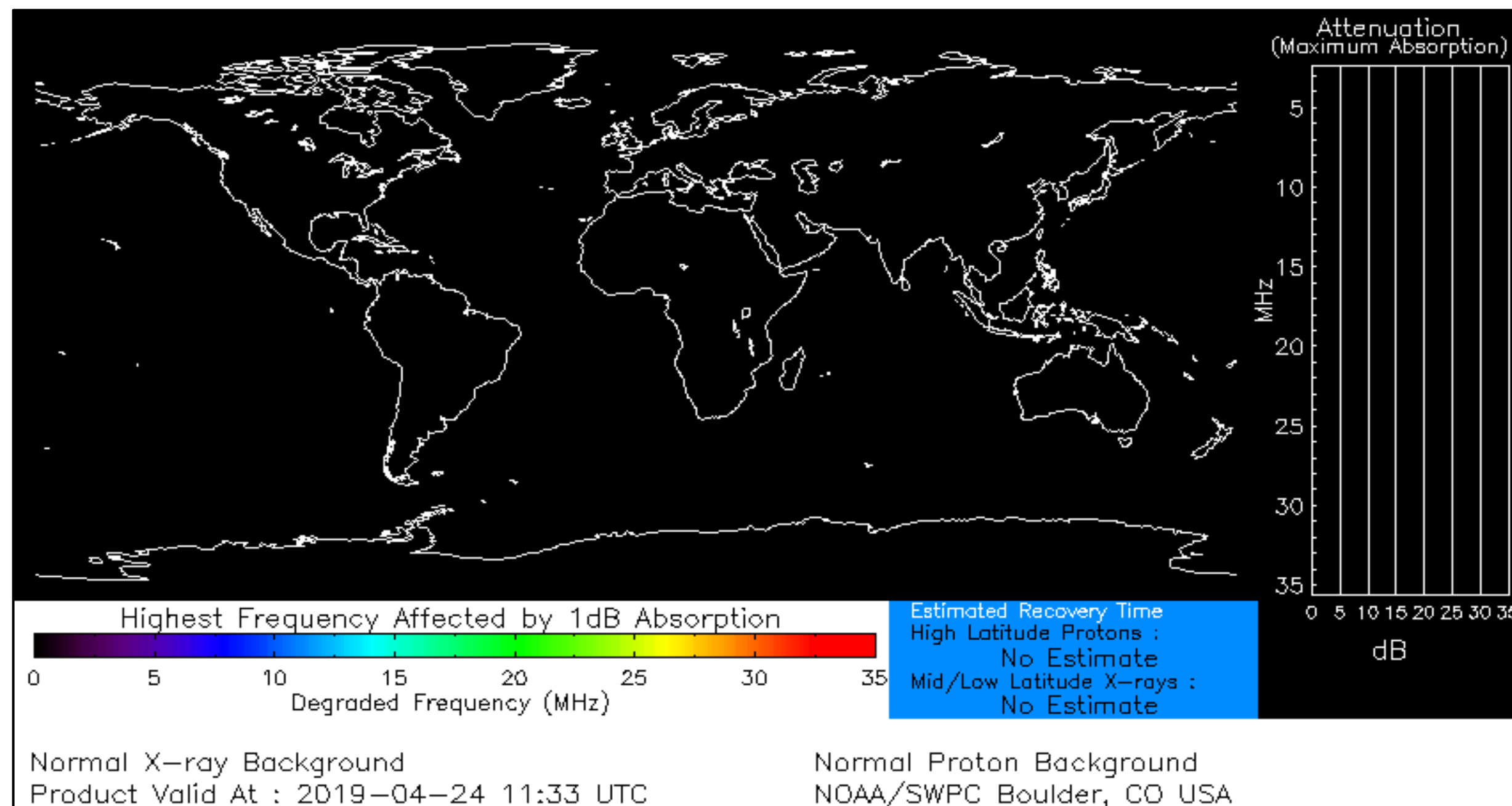
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the last slide in this briefing.*

Space Weather 3-Day Forecast



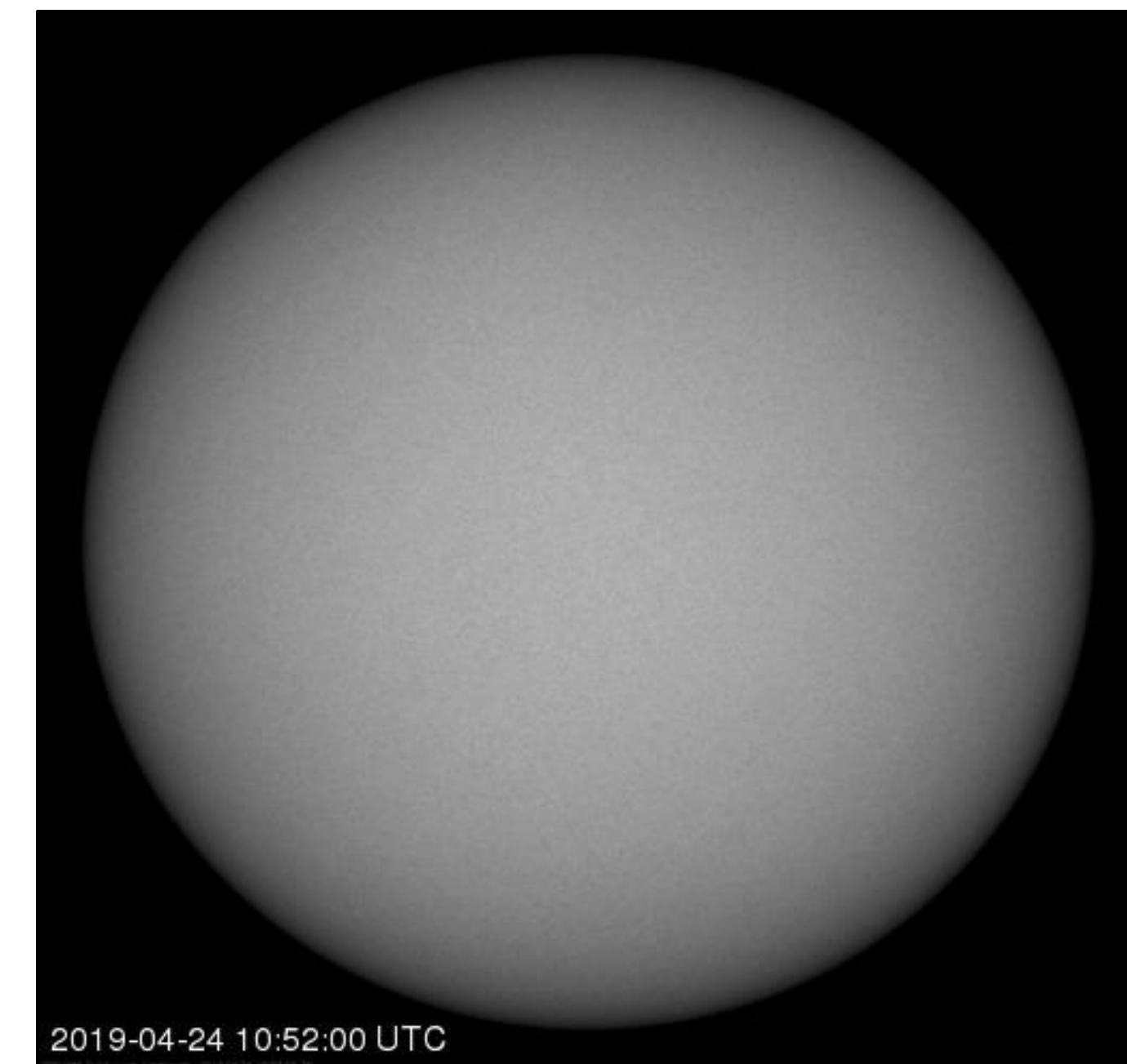
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	Wednesday	Thursday	Friday
Geomagnetic Storms	Quiet to Unsettled (Max Kp = 3)	Unsettled to Active (Max Kp = 4)	Quiet to Unsettled (Max Kp = 3)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)



2019-04-24 10:52:00 UTC



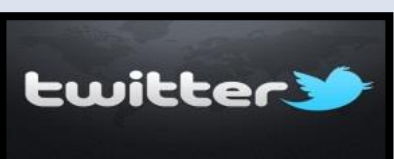
For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov